

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	39	("1284177"   "1911522"   "1992795"   "2286398"   "2420436"   "3096818"   "3795274"   "4369738"   "4381736"   "4423705"   "4437749"   "4539942"   "4557223"   "4580531"   "4685513"   "4726325"   "4768484"   "4930455"   "5002019"   "5036803"   "5046554"   "5079488"   "5201285"   "5215044"   "5242013"   "5390632"   "5482010"   "5522457"   "5537956"   "5597038"   "5619957"   "5660149"   "5845612").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 13:14
L5	92	4 and module	USPAT; USOCR; EPO; JPO	OR	ON	2007/03/06 11:07
L4	813	3 and (coolant with pump) and fan	USPAT; USOCR; EPO; JPO	OR	ON	2007/03/06 10:56
L3	12893	2 and ((heat with exchanger) or radiator)	USPAT; USOCR; EPO; JPO	OR	ON	2007/03/06 10:55
L2	59445	1 and cool\$3	USPAT; USOCR; EPO; JPO	OR	ON	2007/03/06 10:55
L1	243782	"internal combustion engine"	USPAT; USOCR; EPO; JPO	OR	ON	2007/03/06 10:55
S58	40	165/dig.310.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 16:45
S56	23	165/dig.314.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 16:34
S57	1	S56 and (fan and pump and frame)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 16:30
S54	12	S53 and (fan and pump and frame)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 16:30

## EAST Search History

S55	30	165/dig.304.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 16:29
S53	1044	165/148.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 16:25
S52	43	S51 and (fan and pump and frame)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 16:25
S51	1179	165/51.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 16:25
S44	49	S41 and (fan and pump and frame)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 16:19
S50	13	S49 and (fan and pump and frame)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 16:15
S48	88	S47 and (fan and pump and frame)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 16:15
S49	264	123/41.46.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 16:14
S47	1622	S45 S46	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 15:38
S46	879	123/41.49.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 15:38
S45	770	123/41.44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 15:38
S42	15	S41 and (fan and (coolant with pump) and frame)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 15:32

## EAST Search History

S43	15	S42 and ((heat with exchanger) or radiator)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 14:11
S41	2403	S37 S38 S39 S40	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 14:10
S40	215	123/41.09.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 12:54
S39	519	123/41.08.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 12:54
S38	984	123/41.01.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 12:54
S37	736	123/41.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 12:54
S1	709	123/41.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/01 12:54
S36	4	((("2286398") or ("6016774") or ("6684937"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/03/01 12:52
S35	7	(engine and (heat with exchanger) and fan and (coolant with pump) and cool)[clm]	US-PGPUB	OR	ON	2006/05/25 12:52
S34	18	(engine and (heat with exchanger) and fan and pump and cool)[clm]	US-PGPUB	OR	ON	2006/05/25 12:52
S33	69	S32 and fan and (coolant near pump) and (heat near exchanger)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/25 12:50
S2	14	S1 and fan and (coolant near pump) and (heat near exchanger)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/25 12:50
S32	3739	S26 S27 S28 S29 S30 S31	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/25 12:49

## EAST Search History

S31	859	123/41.49.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/25 12:49
S30	752	123/41.44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/25 12:49
S29	213	123/41.09.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/25 12:49
S28	502	123/41.08.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/25 12:49
S27	973	123/41.01.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/25 12:49
S26	720	123/41.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/25 12:49
S24	23	S23 and control	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 07:17
S23	23	S22 and sensor	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 07:17
S25	13	S24 and (bypass or by\$1pass)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 07:07
S22	33	S21 and pump	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 07:06

## EAST Search History

S21	57	("1284177"   "1576833"   "1911522"   "1941587"   "1992795" "2162152"   "2286398"   "2420436"   "3096818"   "3795274" "3999598"   "4369738"   "4381736"   "4423705"   "4434749" "4461246"   "4475485"   "4480551"   "4489680"   "4539942" "4557223"   "4567858"   "4685513"   "4691668"   "4726325" "4759316"   "4768484"   "4876492"   "4930455"   "5000257" "5002019"   "5021185"   "5036803"   "5046554"   "5079488" "5121788"   "5215044"   "5219016"   "5242013"   "5269367" "5390632"   "5522457"   "5537956"   "5577888"   "5597038" "5619957"   "5724924"   "5758716").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 07:05
S20	4	S17 and frame	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 07:00
S17	56	S16 and fan and (coolant near pump) and (heat near exchanger)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 07:00
S19	3	S18 and module[ab]	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:59
S18	27	S17 and bypass	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:59
S16	3128	S11 S12 S13 S14 S15	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:59
S15	844	123/41.49.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:59
S10	6	S9 and bypass	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:59

## EAST Search History

S7	9	S6 and fan and (coolant near pump) and (heat near exchanger)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:59
S14	742	123/41.44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:58
S13	212	123/41.09.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:58
S12	497	123/41.08.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:58
S11	970	123/41.01.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:58
S9	9	S8 and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:57
S8	9	S7 and control	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:57
S6	39	("1284177"   "1911522"   "1992795"   "2286398"   "2420436"   "3096818"   "3795274"   "4369738"   "4381736"   "4423705"   "4437749"   "4539942"   "4557223"   "4580531"   "4685513"   "4726325"   "4768484"   "4930455"   "5002019"   "5036803"   "5046554"   "5079488"   "5201285"   "5215044"   "5242013"   "5390632"   "5482010"   "5522457"   "5537956"   "5597038"   "5619957"   "5660149"   "5845612").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/17 06:57
S5	2	S4 and pump	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:52
S4	3	S3 and fan	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/17 06:52

## EAST Search History

S3	4	(("2286398") or ("6016774") or ("6684937")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/10/17 06:50
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